



[12928/10008]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) : Daniel CHARQUET et al.  
Serial Number : 10/089,270  
Filed : June 24, 2002  
For: ZIRCONIUM-BASED ALLOY AND METHOD FOR  
MAKING A COMPONENT FOR A NUCLEAR  
FUEL ASSEMBLY WITH SAME  
Examiner : Janelle Combs Morillo  
Art Unit : 1742  
Confirmation No. : 4703

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on:

Date: 10/29/07

Signature: John M. Vereb  
John M. Vereb, Reg. No. 48,912

**RESPONSE UNDER 37 CFR §1.116**

SIR:

This amendment is filed in response to an October 20, 2004 Office Action, in connection with the above-captioned application. Please accept the following response.

**REMARKS**

**I. Introduction**

Claims 10 to 18 are pending in the present application. In view of the following remarks, it is respectfully submitted claims 10 to 18 are allowable, and reconsideration is respectfully requested.